Yiwen Zheng

List of Publications by Year
in descending order

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95 papers	2,416 citations	201575 27 h-index	265120 42 g-index
96 all docs	96 docs citations	96 times ranked	1538 citing authors

#	Article	IF	Citations
1	Emerging Topics in the Behavioral Neuroscience of Tinnitus. Current Topics in Behavioral Neurosciences, 2021, 51, 461-483.	0.8	2
2	Applications of Multivariate Statistical and Data Mining Analyses to the Search for Biomarkers of Sensorineural Hearing Loss, Tinnitus, and Vestibular Dysfunction. Frontiers in Neurology, 2021, 12, 627294.	1.1	5
3	Stratification of hippocampal electrophysiological activation evoked by selective electrical stimulation of different angular and linear acceleration sensors in the rat peripheral vestibular system. Hearing Research, 2021, 403, 108173.	0.9	7
4	Noisy Galvanic Vestibular Stimulation Combined With a Multisensory Balance Programâ€¯in Older Adults With Moderate to High Fall Risk: Protocol for a Feasibility Study for a Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e32085.	0.5	1
5	Metabolic changes in the brain and blood of rats following acoustic trauma, tinnitus and hyperacusis. Progress in Brain Research, 2021, 262, 399-430.	0.9	5
6	Tinnitus and tinnitus disorder: Theoretical and operational definitions (an international) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (m	0.9	150
7	The effects of selective electrical stimulation of the rat cochlea on hippocampal field potentials. Hearing Research, 2020, 395, 108023.	0.9	5
8	Vestibular Modulation of Long-Term Potentiation and NMDA Receptor Expression in the Hippocampus. Frontiers in Molecular Neuroscience, 2020, 13, 140.	1.4	4
9	Pharmacological Evaluation of Drugs in Animal Models of Tinnitus. Current Topics in Behavioral Neurosciences, 2020, 51, 51-82.	0.8	2
10	Cannabinoid drugs: will they relieve or exacerbate tinnitus?. Current Opinion in Neurology, 2019, 32, 131-136.	1.8	15
11	The modulation of hippocampal theta rhythm by the vestibular system. Journal of Neurophysiology, 2018, 119, 548-562.	0.9	30
12	The effects of electrical stimulation of the peripheral vestibular system on neurochemical release in the rat striatum. PLoS ONE, 2018, 13, e0205869.	1.1	13
13	Vestibular-related eye movements in the rat following selective electrical stimulation of the vestibular sensors. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 835-847.	0.7	5
14	Single neuron activity and c-Fos expression in the rat striatum following electrical stimulation of the peripheral vestibular system. Physiological Reports, 2018, 6, e13791.	0.7	13
15	Effects of bilateral vestibular deafferentation in rat on hippocampal theta response to somatosensory stimulation, acetylcholine release, and cholinergic neurons in the pedunculopontine tegmental nucleus. Brain Structure and Function, 2017, 222, 3319-3332.	1.2	18
16	Effects of acute altered gravity during parabolic flight and/or vestibular loss on cell proliferation in the rat dentate gyrus. Neuroscience Letters, 2017, 654, 120-124.	1.0	4
17	Ethovisionâ„¢ analysis of open field behaviour in rats following bilateral vestibular loss. Journal of Vestibular Research: Equilibrium and Orientation, 2017, 27, 89-101.	0.8	16
18	Brain Metabolic Changes in Rats following Acoustic Trauma. Frontiers in Neuroscience, 2017, 11, 148.	1.4	28

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19	Anatomy and surgical approach of ratâ€™s vestibular sensors and nerves. Journal of Neuroscience Methods, 2016, 270, 1-8.	1.3	13
20	Hippocampal and striatal M₁â€muscarinic acetylcholine receptors are downâ€regulated following bilateral vestibular loss in rats. Hippocampus, 2016, 26, 1509-1514.	0.9	21
21	Basal dendritic length is reduced in the rat hippocampus following bilateral vestibular deafferentation. Neurobiology of Learning and Memory, 2016, 131, 56-60.	1.0	15
22	Cannabinoids, cannabinoid receptors and tinnitus. Hearing Research, 2016, 332, 210-216.	0.9	18
23	Cannabinoid CB1 Receptor Agonists Do Not Decrease, but may Increase Acoustic Trauma-Induced Tinnitus in Rats. Frontiers in Neurology, 2015, 6, 60.	1.1	27
24	The Effects of Complete Vestibular Deafferentation on Spatial Memory and the Hippocampus in the Rat: The Dunedin Experience. Multisensory Research, 2015, 28, 461-485.	0.6	15
25	Glutamic acid decarboxylase levels in the cochlear nucleus of rats with acoustic trauma-induced chronic tinnitus. Neuroscience Letters, 2015, 586, 60-64.	1.0	10
26	The anti-inflammatory selective melanocortin receptor subtype 4 agonist, RO27-3225, fails to prevent acoustic trauma-induced tinnitus in rats. European Journal of Pharmacology, 2015, 761, 206-210.	1.7	7
27	Cell proliferation in the cochlear nucleus following acoustic trauma in rat. Neuroscience, 2015, 303, 524-534.	1.1	6
28	The Effects of Acute Stress-Induced Sleep Disturbance on Acoustic Trauma-Induced Tinnitus in Rats. BioMed Research International, 2014, 2014, 1-8.	0.9	7
29	Galvanic vestibular stimulation impairs cell proliferation and neurogenesis in the rat hippocampus but not spatial memory. Hippocampus, 2014, 24, 541-552.	0.9	17
30	Cannabinoid CB2 receptor immunolabelling in the healthy brainâ€”still a live possibility. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 301-301.	1.4	5
31	Effects of early and late treatment with l-baclofen on the development and maintenance of tinnitus caused by acoustic trauma in rats. Neuroscience, 2014, 258, 410-421.	1.1	19
32	Principal component analysis suggests subtle changes in glutamate receptor subunit expression in the rat hippocampus following bilateral vestibular deafferentation. Neuroscience Letters, 2013, 548, 265-268.	1.0	7
33	A multivariate statistical and data mining analysis of spatial memory-related behaviour following bilateral vestibular loss in the rat. Behavioural Brain Research, 2013, 246, 15-23.	1.2	15
34	Glutamate Receptor Subunit and Calmodulin Kinase II Expression, with and without T Maze Training, in the Rat Hippocampus following Bilateral Vestibular Deafferentation. PLoS ONE, 2013, 8, e54527.	1.1	19
35	From ear to uncertainty: vestibular contributions to cognitive function. Frontiers in Integrative Neuroscience, 2013, 7, 84.	1.0	99
36	Evidence that Memantine Reduces Chronic Tinnitus Caused by Acoustic Trauma in Rats. Frontiers in Neurology, 2012, 3, 127.	1.1	29

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37	A doseâ€“response analysis of the effects of L-baclofen on chronic tinnitus caused by acoustic trauma in rats. Neuropharmacology, 2012, 62, 940-946.	2.0	34
38	The effects of the D2 dopamine receptor antagonist, eticlopride, on attention following bilateral vestibular deafferentation in the rat. Neuroscience Letters, 2012, 506, 193-197.	1.0	1
39	The D2 dopamine receptor and locomotor hyperactivity following bilateral vestibular deafferentation in the rat. Behavioural Brain Research, 2012, 227, 150-158.	1.2	32
40	Performance in anxiety and spatial memory tests following bilateral vestibular loss in the rat and effects of anxiolytic and anxiogenic drugs. Behavioural Brain Research, 2012, 235, 21-29.	1.2	18
41	The Effects of Bilateral Vestibular Loss on Hippocampal Volume, Neuronal Number, and Cell Proliferation in Rats. Frontiers in Neurology, 2012, 3, 20.	1.1	24
42	Revisiting Baclofen for the Treatment of Severe Chronic Tinnitus. Frontiers in Neurology, 2012, 3, 34.	1.1	11
43	Septal elicitation of hippocampal theta rhythm did not repair cognitive and emotional deficits resulting from vestibular lesions. Hippocampus, 2012, 22, 1176-1187.	0.9	24
44	Cannabinoid CB1 receptor expression and affinity in the rat hippocampus following bilateral vestibular deafferentation. Neuroscience Letters, 2011, 487, 330-334.	1.0	4
45	Acoustic trauma that can cause tinnitus impairs impulsive control but not performance accuracy in the 5-choice serial reaction time task in rats. Neuroscience, 2011, 180, 75-84.	1.1	30
46	The effects of acoustic trauma that can cause tinnitus on spatial performance in rats. Neuroscience, 2011, 186, 48-56.	1.1	34
47	The effects of chronic tinnitus caused by acoustic trauma on social behaviour and anxiety in rats. Neuroscience, 2011, 193, 143-153.	1.1	34
48	The Effects of Aminorex and Related Compounds on Brain Monoamines and Metabolites in CBA Mice. Journal of Pharmacy and Pharmacology, 2011, 49, 89-96.	1.2	15
49	Increased BrdU incorporation reflecting DNA repair, neuronal de-differentiation or possible neurogenesis in the adult cochlear nucleus following bilateral cochlear lesions in the rat. Experimental Brain Research, 2011, 210, 477-487.	0.7	28
50	Effects of the Putative Cognitive-Enhancing Ampakine, CX717, on Attention and Object Recognition Memory. Current Alzheimer Research, 2011, 8, 876-882.	0.7	18
51	Move it or lose itâ€”Is stimulation of the vestibular system necessary for normal spatial memory?. Hippocampus, 2010, 20, 36-43.	0.9	81
52	Hippocampal synaptic transmission and LTP in vivo are intact following bilateral vestibular deafferentation in the rat. Hippocampus, 2010, 20, 461-468.	0.9	17
53	Modulation of Memory by Vestibular Lesions and Galvanic Vestibular Stimulation. Frontiers in Neurology, 2010, 1, 141.	1.1	47
54	Cell proliferation and survival in the vestibular nucleus following bilateral vestibular deafferentation in the adult rat. Neuroscience Letters, 2010, 468, 85-88.	1.0	8

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55	The effects of the synthetic cannabinoid receptor agonists, WIN55,212-2 and CP55,940, on salicylate-induced tinnitus in rats. Hearing Research, 2010, 268, 145-150.	0.9	30
56	The effects of the Chinese herbal medicine EMF01 on salicylate-induced tinnitus in rats. Journal of Ethnopharmacology, 2010, 128, 545-548.	2.0	10
57	Evidence that spatial memory deficits following bilateral vestibular deafferentation in rats are probably permanent. Neurobiology of Learning and Memory, 2010, 94, 402-413.	1.0	91
58	Longâ€term deficits on a foraging task after bilateral vestibular deafferentation in rats. Hippocampus, 2009, 19, 480-486.	0.9	62
59	Anxietyâ€Related Behavior and Biogenic Amine Pathways in the Rat following Bilateral Vestibular Lesions. Annals of the New York Academy of Sciences, 2009, 1164, 134-139.	1.8	10
60	Balance before Reason in Rats and Humans. Annals of the New York Academy of Sciences, 2009, 1164, 127-133.	1.8	17
61	Bilateral vestibular deafferentation causes deficits in a 5-choice serial reaction time task in rats. Behavioural Brain Research, 2009, 203, 113-117.	1.2	23
62	The CB1 receptor agonist, WIN 55,212-2, dose-dependently disrupts object recognition memory in adult rats. Neuroscience Letters, 2009, 464, 71-73.	1.0	20
63	Synaptic protein expression in the medial temporal lobe and frontal cortex following chronic bilateral vestibular loss. Hippocampus, 2008, 18, 440-444.	0.9	14
64	Monoamine transporter and enzyme expression in the medial temporal lobe and frontal cortex following chronic bilateral vestibular loss. Neuroscience Letters, 2008, 437, 107-110.	1.0	22
65	Effects of bilateral vestibular deafferentation on anxiety-related behaviours in Wistar rats. Behavioural Brain Research, 2008, 193, 55-62.	1.2	19
66	Carbamazepine reduces the behavioural manifestations of tinnitus following salicylate treatment in rats. Acta Oto-Laryngologica, 2008, 128, 48-52.	0.3	25
67	Cannabinoid CB₂receptor expression in the rat brainstem cochlear and vestibular nuclei. Acta Oto-Laryngologica, 2008, 128, 961-967.	0.3	48
68	Locomotor and exploratory behavior in the rat following bilateral vestibular deafferentation.. Behavioral Neuroscience, 2008, 122, 448-459.	0.6	49
69	Cannabinoid receptor down-regulation in the ventral cochlear nucleus in a salicylate model of tinnitus. Hearing Research, 2007, 228, 105-111.	0.9	44
70	Bilateral vestibular deafferentation impairs performance in a spatial forced alternation task in rats. Hippocampus, 2007, 17, 253-256.	0.9	48
71	Neuronal nitric oxide synthase expression in the cochlear nucleus in a salicylate model of tinnitus. Brain Research, 2006, 1123, 201-206.	1.1	30
72	Impairment and recovery on a food foraging task following unilateral vestibular deafferentation in rats. Hippocampus, 2006, 16, 368-378.	0.9	71

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73	Cytosolic glucocorticoid receptor expression in the rat vestibular nucleus and hippocampus following unilateral vestibular deafferentation. Experimental Brain Research, 2005, 162, 309-314.	0.7	27
74	Ginkgo biloba extracts for tinnitus: More hype than hope?. Journal of Ethnopharmacology, 2005, 100, 95-99.	2.0	18
75	The effects of vestibular lesions on hippocampal function in rats. Progress in Neurobiology, 2005, 75, 391-405.	2.8	85
76	Does vestibular damage cause cognitive dysfunction in humans?. Journal of Vestibular Research: Equilibrium and Orientation, 2005, 15, 1-9.	0.8	99
77	Does vestibular damage cause cognitive dysfunction in humans?. Journal of Vestibular Research: Equilibrium and Orientation, 2005, 15, 1-9.	0.8	42
78	Immunohistochemical characterisation and localisation of cannabinoid CB1 receptor protein in the rat vestibular nucleus complex and the effects of unilateral vestibular deafferentation. Brain Research, 2004, 1021, 264-271.	1.1	28
79	Bilateral labyrinthectomy causes long-term deficit in object recognition in rat. NeuroReport, 2004, 15, 1913-1916.	0.6	38
80	Nitric oxide synthase and arginase expression in the vestibular nucleus and hippocampus following unilateral vestibular deafferentation in the rat. Brain Research, 2003, 966, 19-25.	1.1	20
81	Adrenalectomy-induced cell death in the dentate gyrus: Further characterisation using TUNEL and effects of theGinkgo biloba extract, EGb 761, and ginkgolide B. Hippocampus, 2003, 13, 212-225.	0.9	4
82	Changes in NOS protein expression and activity in the rat hippocampus, entorhinal and postrhinal cortices after unilateral electrolytic perirhinal cortex lesions. Hippocampus, 2003, 13, 561-571.	0.9	9
83	Unilateral inner ear damage results in lasting changes in hippocampal CA1 field potentials in vitro. Hippocampus, 2003, 13, 873-878.	0.9	38
84	Long-term changes in hippocampal n-methyl-d-aspartate receptor subunits following unilateral vestibular damage in rat. Neuroscience, 2003, 117, 965-970.	1.1	51
85	Using Idiothetic Cues to Swim a Path With a Fixed Trajectory and Distance: Necessary Involvement of the Hippocampus, but Not the Retrosplenial Cortex.. Behavioral Neuroscience, 2003, 117, 1363-1377.	0.6	20
86	NMDA and AMPA receptor subunit protein expression in the rat vestibular nucleus following unilateral labyrinthectomy. NeuroReport, 2002, 13, 1541-1545.	0.6	21
87	Damage to the vestibular inner ear causes long-term changes in neuronal nitric oxide synthase expression in the rat hippocampus. Neuroscience, 2001, 105, 1-5.	1.1	51
88	Differences in NOS protein expression and activity in the rat vestibular nucleus following unilateral labyrinthectomy. Molecular Brain Research, 2001, 88, 166-170.	2.5	12
89	Subregional variation in the effects of unilateral vestibular deafferentation on nitric oxide synthase activity and nitrite formation in the guinea pig hippocampus. Neuroscience Research Communications, 2000, 27, 109-116.	0.2	4
90	Effects Of Chronic Inhibition Of Nitric Oxide Synthase In The Genetically Hypertensive Rat. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 647-649.	0.9	4

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91	The effects of l-NAME on vestibular compensation and NOS activity in the vestibular nucleus, cerebellum and cortex of the guinea pig. Brain Research, 2000, 879, 148-155.	1.1	11
92	Noradrenaline and serotonin levels in the guinea pig hippocampus following unilateral vestibular deafferentation.. Brain Research, 1999, 836, 199-202.	1.1	16
93	Temporal bone surgery causes reduced nitric oxide synthase activity in the ipsilateral guinea pig hippocampus. Neuroscience Letters, 1999, 259, 130-132.	1.0	7
94	Subregional analysis of amino acid levels in the guinea pig hippocampus following unilateral vestibular deafferentation. Journal of Vestibular Research: Equilibrium and Orientation, 1999, 9, 335-345.	0.8	10
95	Role of brain nitric oxide in (Â±)3,4-methylenedioxymethamphetamine (MDMA)-induced neurotoxicity in rats. Brain Research, 1998, 795, 257-263.	1.1	36